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PERRY
ROBINSON'S
1881.
Agriculture.

PERRY & ROBINSON'S

ELEVENTH ANNUAL

Seed Catalogue.



OUR PREMIUM FLAT DUTCH.

41 & 43 WARREN AND 13 E. FAYETTE STS.

SYRACUSE, N. Y.

SYRACUSE, N. Y.:
MASTERS & STONE, PRINTERS AND BOOKBINDERS.
—1881.—

FREINDS:—

We are now prepared to pay you our annual visit, and hope as many of our friends as have found it profitable, "with all their acquaintances," will return our call either in person or upon paper. It is with gratitude we greet you this year. From the very many flattering reports we have received, and the few complaints we have heard, we are confident our seeds gave general satisfaction, and we place the past year's business upon record as the most satisfactory since our organization.

We are obliged to report a scarcity in some of the leading varieties of seeds. Onion seed, Celery, Salsify, Egyptian Beet and nearly every variety of Peas are short, and you may look for higher prices before the season is over. We advise our customers to buy early in order to secure reliable seed at present prices. We reserve the right to change prices according to market without notice to customers, but in all cases will try to please you and supply seed at their value.

We have a stock of extra fine Sweet Corn, Mangle Wurzel and Sugar Beet seed, Little Gem and Advancer Peas, and our favorite improved Brunswick Cabbage, &c. We hope a careful perusal of our little catalogue will prove a pleasure to you and a profit to us both. Thanking you for past favors we are

Very Respectfully Yours,

PERRY & ROBINSON.

Seeds by Mail.

To any part of the United States, at one cent per ounce, or any fractional part thereof.

The maximum weight of packages which may be sent through the mails at this rate is limited to four pounds.

Seeds by mail to Canada, one cent per ounce, in packages of not over one pound.

None of our customers need go without any seeds desired, as we send by mail, post paid, any small parcels of seeds ordered. Any person, not a customer, can be supplied by sending the money with their orders. Small sums can be remitted in postage stamps as change.

Number of Plants produced from one Ounce of Seed as follows:

	PLANTS.		PLANTS.
Asparagus.....	about 500	Kale.....	about 2,000
Broccoli.....	" 2,000	Leek.....	" 1,000
Cabbage.....	" 2,000	Lettuce.....	" 3,000
Cauliflower.....	" 2,000	Pepper.....	" 2,000
Celery.....	" 3,000	Tomato.....	" 3,000
Egg Plant.....	" 1,000	Sage.....	" 1,000
Endive.....	" 3,000	Thyme.....	" 5,000

Number of Plants to the Acre at the following distances apart:

Distance Apart.	No. of Plants to the Acre.	Distance Apart.	No. of Plants to the Acre
1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.	1,210
1½ " 1½ "	19,360	8 " 8 "	680
2 " 1 "	21,780	9 " 9 "	537
2 " 2 "	10,890	10 " 10 "	435
2½ " 2½ "	6,969	12 " 12 "	302
3 " 1 "	14,520	15 " 15 "	193
3 " 2 "	7,260	18 " 18 "	134
3 " 3 "	4,840	20 " 20 "	103
4 " 4 "	2,722	25 " 25 "	70
5 " 5 "	1,742	30 " 30 "	48

Quantity of Seeds Required for a Given Number of Plants or Number of Hills, or Length of Drills.

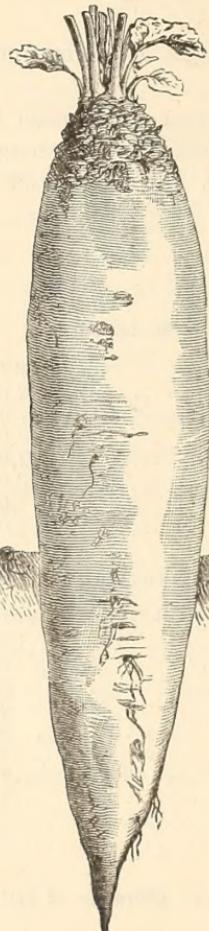
Asparagus.....	1 oz. to 60 ft. drill	Parsnip.....	1 oz. to 200 ft. drill
Beets.....	1 oz. to 50 ft. drill	Peas.....	1 qt. to 100 ft. drill
Beans, Dwarf.....	1 qt. to 100 hills	Pumpkin.....	2 qts. per acre
Beans, Pole	1 qt. to 150 hills	Radish.....	1 oz. to 100 ft. drill
Carrot.....	1 oz. to 150 ft. drill	Salsify or V. Oyster.	1 oz. to 70 ft. drill
Cucumber.....	1 lb. per acre	Spinach.....	1 oz. to 100 ft. drill
Corn.....	1 qt. to 400 hills	Squash, Early.....	1 oz. to 50 hills
Water Melon.....	1 oz. to 30 hills	Squash, Marrow.....	1 oz. to 16 hills
Musk Melon.....	1 oz. to 60 hills	Turnip.....	1 oz. to 150 ft. drill
Onion.....	1 oz. to 100 ft. drill		

ASPARAGUS.

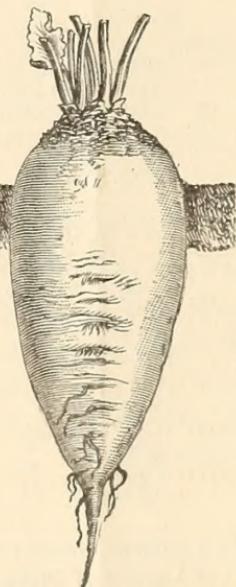
Per Package, Five Cents.

	Per oz.	Per lb.
Conovers' Colossal.....	\$0 10	\$0 75
Roots of ".....	per 100,	\$1 25

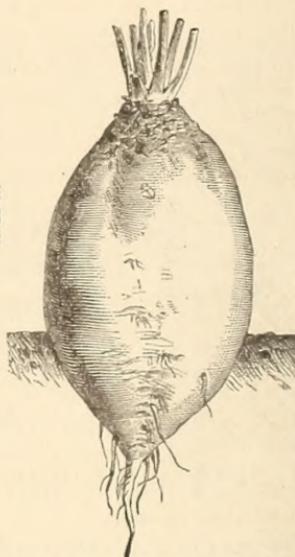
BEET.



Long Red Mangel.



White Sugar Beet.



Yellow Ovoid Beet.

(Fine for Cattle.)

BIRD SEED.

Add 16 cents per pound by Mail.

Canary.....	10
Hemp.....	10
Rape.....	10
Millet	10
Maw.....	25

BEANS.—“Bush.”

Add 30 cents per quart for Beans by Mail.

	Per qt.
Early Burt.....	\$0 20
“Dwarf Snap or Bush”.....	20
Early Yellow, 6 weeks.....	20
Early Yellow, Long, 6 weeks.....	20
Valentine.....	20
Mohawk, one of the earliest.....	20
China Red Eye.....	20
Rachel.....	20
Refugee.....	20
Newington Wonder.....	20
White Kidney.....	20
White Marrow.....	20
White Wax, Yellow Pods.....	25
Black Wax, “ “	25
Golden Wax, “ “	40

BEANS.—“Pole or Runners.”

Black Wax, Yellow Pod.....	25
Giant Wax.....	50
Lima.....	40
Sieva Lima.....	50
Cranberry.....	40
Case Knife.....	20
Scarlet Runner.....	60
White Runner.....	40
Brown Windsor.....	40

BORECOLE OR KALE.

	Per oz.	Per lb.
Green Curled Scotch.....	\$0 10	\$1 25
Cabbage, Brown or Green.....	10	1 25

BROCOLI.

Early Large, (French).....	30	4 00
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BRUSSELS SPROUTS.

Dwarf, Fine French.....	20	2 00
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BROOM CORN.

	Per bu.
Evergreen.....	4 00
Dwarf.....	4 00

CAULIFLOWER.

	Per oz.
Dwarf Erfurt, first quality, earliest variety.....	2 00
Half Early Paris, large and fine heads.....	1 00
Lenormands, extra large.....	1 00



Winningstadt.



Our Premium Brunswick, Short Stem.

CABBAGE.

Per Package Five and Ten Cents.

	Per oz.	Per lb.
Henderson, early summer.....	\$0 40	\$4 00
Winningstadt, heads very hard and early.....	25	2 50
Early Jersey Wakefield.....	40	4 00
Early Ox Heart, French.....	25	2 00
Early York.....	25	2 00
Our premium Brunswick, short stem, best early and late.....	40	4 00
Fotler's Brunswick.....	25	2 50
Late Bergen.....	25	2 00
Flat Dutch, (American Improved).....	25	2 00
Our Premium Flat Dutch. (See 1st page).....	40	5 00
Drumhead, (American Improved).....	25	2 50
Red Dutch, "Erfurt".....	40	4 00
Large Red Dutch.....	30	3 00
Globe Savoy.....	25	3 00
Stone Mason, Drumhead.....	25	3 00
Marblehead Mammoth.....	25	3 00

CARROT.

Early Horn, Scarlet.....	10	1 00
Danvers, (New).....	10	1 25
Half Long, Stump Rooted, excellent variety.....	10	1 00
Long Red Surrey.....	10	80
Long Orange, "first quality".....	10	80
White Belgium, for stock.....	10	80
Altringham, fine for table, and dark color.....	10	80

CELERY.

White Giant, Solid.....	20	2 00
Plein Blanc, "one of the best tall varieties".....	30	3 00
Boston Market.....	40	6 00
Henderson's Dwarf.....	40	6 00
Dwarf Crimson.....	30	3 00
American Dwarf.....	40	6 00
Sandringham "Dwarf".....	40	6 00
Celeriac, "Root Celery".....	20	2 00
Soup.....	10	1 00

CHICORY.

	Per oz.	Per lb.
Improved, large leaves, for greens.....	\$0 10	\$1 00
Large rooted, for coffee.....	10	1 00

CORN.

Add 30 cents per quart for Corn by Mail.

Price subject to Change.

	Per qt.	Per bu.
Tom Thumb.....	per package only 10 cts.	
Golden Sweet.....	" " "	"
Early Adams, not Sweet.....	\$0 25	\$3 00
Extra Early Narragansett.....	25	3 00
Early Darling.....	25	3 00
Early Minnesota, a very early variety.....	25	3 00
Crosby Early.....	25	3 00
Ballard's Red Cob.....	40	
Asylum, large, fine and best second early.....	25	3 00
Brainard's Sugar.....	25	3 00
Egyptian, new.....	25	3 00
Stowell's Evergreen, extra fine, true selected.....	25	3 00
Stowell's Evergreen, for sowing.....		1 75
Mexican Black.....	25	3 00
Hickok's Improved Sugar.....	25	3 00
Mammoth Sugar.....	per ear	25
Best Varieties Field Corn.....		
Silver Lace Pop Corn, ears.....		1 25
Red and White Pop Corn.....		1 25

CORN SALAD.

	Per oz.	Per lb.
Large Round Leaved.....	\$0 10	\$1 00

CRESS.

Cress, Garden Curled.....	10	1 00
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CUCUMBER.

Snake, "ornamental".....	40	
Early Russian, or Brown Netted.....	10	1 00
Early Frame.....	10	80
Early Cluster.....	10	80
White Spine, very best for general use.....	10	80
Long Green.....	10	80
London, or Extra Long Green.....	10	1 00
West India Gherkin.....	25	

EGG PLANT.

Large Purple Egg Plant.....	40	
New York Improved.....	50	

ENDIVES.

Green Curled Winter.....	20	
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HONEY LOCUST.

	Per oz.	Per lb.
Honey Locust, "for Hedges".....		40

KOHL RABI.

White, (above ground).....	20	2 00
Purple, " "	20	2 00

LEEK.

Leek.....	20	2 00
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LETTUCE.

Early Curled Simpson.....	25	
" " Silesian.....	25	
Hamilton Market.....	40	
Hanson.....	25	
Batavia Brown.....	25	
India, or Prize Head.....	25	

MUSK MELON.

Surprise, the best.....	10	1 00
Pine Apple.....	10	1 00
Nutmeg, Fine Netted, extra Early green.....	10	1 00
White Japan.....	10	1 00
Casaba.....	10	1 00
Great Western Rough Nutmeg.....	10 cts. per doz. seed	
Large Nutmeg, or Improved Cantelope, very fine.....	10	1 00
Pomegranate, for perfumes	40	5 00

WATER MELON.

Phinney's "early, red flesh and solid".....	10	75
Haskell's Extra, large and solid to center.....	20	2 00
Mountain Sweet, old favorite.....	10	75
Mountain Sprout.....	10	75
Black Spanish.....	10	75
Long Island.....	10	75
Ice Cream, "White seeded, nearly round and medium size".....	10	75
Gipsey, White seeded.....	10	75
Sculptured seeded.....	10	75
Green Citron, for preserves.....	10	75

MUSHROOM SPAWN.

Per box.....		1 00
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MUSTARD.

White.....	5	25
Brown.....	5	25

NASTURTIUM.

	Per oz.	Per lb
Tall.....	\$0 20	
Dwarf.....		20

OKRA.

Dwarf Okra or Gumbo.....	10
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ONIONS.

Yellow Danvers, ripens early, keeps well.....	30	4 00
Globe Danvers, Gregory Variety.....	30	4 00
Red Weatherfield, large and productive.....	30	4 00
White Silverskin.....	30	4 00
Top Onion, Setts.....		
Golden, "		
Potatoe, "		
	} Market Price.	

PARSLEY.

Extra curled.....	10	1 00
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PARSNIP.

Long White.....	10	80
Hollow Crown, best for general use.....	10	80
Sutton's Student.....	10	80

PEPPER.

Bell, or Oxheart, rind thick.....	25	3 00
Cayenne	25	3 00
Mountain Sweet, used for stuffed pickles.....	25	3 00

PEAS.

Wrinkled varieties marked thus*. Add 30 cents per quart for Peas by mail.

We make a specialty of Peas. Most of the choice varieties we offer to the trade are from seed hand picked, and furnished by us to the growers; therefore we consider them perfectly reliable.

	Per qt.	Per bu.
Forty-Two Day, the best Extra Early.....	\$0 40	\$8 00
Dexter.....	25	7 00
*Alpha.....	40	9 00
Philadelphia Extra Early.....	25	7 00
Caractacus, Extra Early, 3 ft.....	25	7 00
Carter's first crop, 2½ ft.....	25	7 00
Improved Daniel O'Rourke, 2½ ft.....	25	7 00
Blue Peter, 1 ft.....	40	8 00
Tom Thumb, 8 inches.....	40	8 00
*McLean's Little Gem, very fine, popular, 1 ft.....	30	8 00
*McLean's Advancers, true, long pods, fine quality, 2½ ft.....	30	8 00
*Champions, very fine, 4 ft.....	25	6 00
*Yorkshire Hero.....	40	8 00
White Irish Marrowfat, 3 ft.....	20	4 00
Black Eyes (Car-load lots if wanted).....	20	Market.
Canada Field.....		

POTATOES.

Snowflake, the very best variety.....	Market Price.
Burbank's Seedling.....	.....	.....
Early Rose, always popular.....	.....	.....
Beauty of Hebron.....	.....	.....
And several other varieties.			

PUMPKIN SEEDS.

	Per qt.	Per bu.
Connecticut Field.....	\$0 10	\$2 00

RADISH.

	Per oz.	Per lb.
Early Scarlet Turnip, quick growers.....	\$0 10	\$0 80
Early Scarlet, Olive Shape.....	10	1 00
White, Olive Shape.....	10	1 00
French Breakfast, true.....	10	1 00
Short Top Scarlet.....	10	80
Scarlet Chinese Rose Winter, favorite fall variety.....	10	1 25
Black Spanish Winter.....	10	80
White Spanish Winter Giant.....	10	1 25
Gray Long, Winter, new and fine.....	10	1 00
Large Russian, White Winter.....	25	3 00

SALSIFY.

Or Vegetable Oyster.....	20	2 00
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SORREL.

Large Leaved French.....	10	1 00
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SPINACH.

Prickly, fall.....	10	40
Round Leaf, spring.....	10	40
Flanders, large leaf, productive and hardy.....	10	40
New Zealand.....	10	60
Bloomsdale.....	10	60
Savoy Leaved.....	10	60

SORGHUM.

Early Minnesota or Amber Cane.....	25
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SUNFLOWER.

	Per qt.	Per bu.
Tall.....	\$0 10	\$2 00

SQUASH.

	Per oz.	Per lb.
Early Scallop, bush.....	\$0 10	\$1 00
Early Crook-neck, bush.....	10	1 00
Crook-neck Winter.....	10	1 00
Hubbard.....	10	1 00
Boston Marrow.....	10	1 00
Butman.....	10	1 00
Turben.....	10	1 00
New Essex Hybrid, very productive.....	20	2 00
New Marblehead.....	10	1 00
Seeds from Mammoth Squash, weight 148 pounds.....	10	doz.

TOBACCO SEED.

Connecticut.....	40	4 00
Glesner, broad leaf, best wrapper grown.....	1 00	12 00
Wilson's Hybrid.....	2 00	

TOMATO.

Acme, Finest for Market Gardners, true.....	25	3 00
Canada Victor.....	25	3 00
Red Smooth.....	25	3 00
Trophy, large and solid.....	25	3 00
Hathaway Excelsior.....	25	3 00
Conquer.....	25	3 00
Arlington.....	25	3 00
Hubbard's Curled Leaf.....	25	3 00

TURNIP.

White Norfolk.....	10	80
Golden Ball or Orange Jelly.....	10	80
Early Stone.....	10	80
Long Green Tankard.....	10	80
Red Top Strap Leaf or Purple Top.....	10	80
White Dutch.....	10	80
Yellow Aberdeen.....	10	80
White Sweet Waldo, one of the finest Ruta Baga, true.....	10	80
Skirving's Ruta Baga, Purple Top.....	10	80
Carter's improved Swede Yellow.....	10	80
Laing's Improved Swede.....	10	80

SWEET HERBS.

	Paper.	Per lb.
Sage, (English).....	\$0 05	\$3 00
Rue.....	05	
Balm.....	05	
Sweet Marjoram.....	05	
Summer Savory.....	05	
Rosemary.....	05	
Lavender.....	05	
Thyme.....	05	
Sweet Fennel.....	05	
Saffron.....	05	
Caraway.....	05	

Grass Seeds and Clover.

We Import all the fine Grasses, White Clover, etc., for lawns, and offer them to the trade at the lowest market price.

Creeping Bent Grass, or <i>Argostis Stolonifera</i> .....	.....
Red Top Grass, or <i>Agrostis Vulgaris</i> .....	.....
Crested Dogstail, <i>Cynosurus Cristatus</i> .....	.....
Orchard Grass, or <i>Dactylis Glomerata</i> (14 lbs.) .....	.....
Hungarian Grass, or <i>Panicum Germanicum</i> .....	.....
German Millet .....	.....
Timothy, or <i>Phleum Pratense</i> .....	.....
Italian Rye Grass, or <i>Lolium Italicum</i> , (1st quality) .....	.....
English Rye Grass or <i>Lolium Perenne</i> (1st quality) .....	.....
Rye grass, English, Paceys, very fine and short, extra quality, for lawns .....	.....
Wood Hair Grass, or <i>Aira Fluxuosa</i> .....	.....
Extra clean Blue Grass, or <i>Poe Pratensis</i> .....	.....
Meadow Fescue, or <i>Festuca Pratensis</i> .....	.....
Sweet Scented Vernal Grass, or <i>Anthoxanthum Odoratum</i> .....	.....
Fine mixed Grass Seeds for Lawns .....	.....
Fine French Lawn Grass Seeds .....	.....

CLOVER.

Alfalfa .....	.....
Red Clover .....	.....
Red Peavine or Mammoth .....	.....
White Dutch .....	.....
Alsike or Swedish .....	.....
Lucerne .....	.....
Yellow Sand .....	.....

FOR A LAWN.—Meadow Fescue, 8 lbs.; Crested Dogtail, 5 lbs.; Perennial Rye, 8 lbs.; Kentucky Blue, 6 lbs.; Red Top, 8 lbs.; Sweet Vernal, 2 lbs.; White Clover, 4 lbs.

PERMANENT PASTURE.—Kentucky Blue Grass, 4 lbs.; Orchard Grass, 5 lbs. Meadow Fescue, 6 lbs.; Crested Dogtail, 2 lbs.; Red Top, 5 lbs.; Italian Rye, 5 lbs.; Timothy, 5 lbs.; Medium Clover, 3 lbs.; White Clover, 2 lbs.

MEADOW OR WHAT IS CALLED GRASS LAND.—Timothy, 10 lbs.; Red Top, 3 lbs.; Perennial Rye, 4 lbs.; Italian Rye, 5 lbs.; Alsike Clover, 5 lbs.;

SOW ORCHARD GRASS with Small Clover; it ripens at the same time.

SOW TIMOTHY with Large Clover.

We recommend Kentucky Blue Grass for Pasture. Farmers do not use enough of it in this State.

Orders by Mail Promptly Attended to.

THE ARNAUTKA SPRING WHEAT

Has proven a Superior Variety in every particular. The past season was very unfavorable for spring grain but as far as we can learn the yield was from seven to ten bushels per acre more than the China Tea in the same lots. W. H. Gage & Co. of Fulton, purchased largely of the Arnautka last fall, and inform us that it is an A No. 1 flouring wheat. We make this statement because parties who are not acquainted with it have tried to belittle its flouring qualities.

RUSSIAN WHITE OATS.

We have the following from E. H. Adams, Skaneateles, N. Y.:

"I sowed 7½ bushels of Russian White Oats on five acres of old sod. They yielded 264 bushels of good oats. They stood up well and had a good, stiff growth of straw, but would have yielded better if 2 or 2½ bushels had been sown to the acre as they were very thin on the ground. I consider them a good variety and will sow 20 acres next spring."

Alfred Rose of Penn Yan, says from one ounce of seed which he planted in rows 14 inches apart and 5 to 7 inches apart in the row, one kernel in a place, he raised 157 lbs. From each kernel planted there was 15 to 25 heads and many 30 to 40 heads from one kernel; and many heads 18 to 22 inches long containing 300 to 350 kernels in each head. The product from one kernel was 6 ounces.

G. W. Hicks, Alexander, N. Y., says of the Russian White Oats:

"They yielded about double, with probsters and straw stiff, free from rust, while other oats rusted. Would say that they are the handsomest oats growing I ever saw. I would recommend them to any one as I know them to be boss."

ARNAUTKA.

Morey Gifford, Marietta, N. Y., says of the Russian White Oats: "I sowed three acres for Mr. Cudderback, he furnished seed. I was to give him all I got over 40 bushels per acre. About one acre was entirely destroyed by worms. I have 120 bushels for myself and about 75 bushels for Mr C. You cannot recommend them too highly, they will do all that is claimed for them."



FLOWER SEED.

Special Cultural Directions.

Referring to the letters in the fourth column of the Flower Seed List.

A. Sow for succession from April to June, for Summer and Autumn blooming. Prepare the ground by thoroughly digging, adding a good supply of leaf-mould or well-rotted manure, making the surface fine and smooth. Sow thinly, lightly covering.

B. Sow in gentle heat, in a well-drained pot or pan of light soil. Sow thinly and cover lightly with a fine, sandy soil. Shade from bright sunshine, and water, when necessary, through a fine rose watering-pot. Transplant to open ground, when all danger of frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May, but will not flower so early. Transplant or thin out before the plants get too large.

C. Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to fairly allow them to develop their growth.

D. Sow in Spring in a well-drained pot or well-prepared hot-bed, of light, peaty, sandy soil. Place in a moderately warm temperature, shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground, after May 10th, for late flowers.

E. Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

F. Sow any season, in a pot prepared as follows: let the pot be one-third full of drainage or broken charcoal; over that rough siftings of mould and the surface with very fine soil, half of which should be composed of fine sharp sand; water with a fine sprinkler; scatter the seed thickly over the surface, covering very lightly; keep from the direct rays of the sun. As soon as the plants show the third leaf, transplant into seed-pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other, they should be transplanted singly into small pots and keep them in a cool, airy part of the greenhouse, near the glass. Re-pot when necessary.

Abbreviations.

h. a. Hardy Annual.
h. p. Hardy Perennial.
g. a. Greenhouse Annual.

h. b. Hardy Biennial.

h. h. a. Half-hardy Annual.
h. h. p. Half-hardy Perennial.
g. p. Greenhouse Perennial.

FLOWER SEED.

ILLUSTRATED CATALOGUE.

15

No.	NAME.	Du. ratio.n.	Color:	Height.	Culture	Price.	Common Name.	REMARKS.
1	Ambronia Umbellata.....	ha	Rose	Trailing	D	5	Abronia	Verbena-like annuals suitable for rock work and edgings.
2	Acroclinium Roseum.....	ha	Rose	1 ft	E	5	Acroclinium	Favorite everlasting flower for winter bouquets.
3	Acroclinium Album.....	ha	White	1 ft	E	5	“	Should be planted in shady location.
4	Adonis Aestivalis	ha	Scarlet	1 ft	E	5	Flox Adonis	Splendid plants for clumps or masses, as well as for winter blooming in pots, and very useful for bouquets.
5	Ageratum Mexicanum.....	ha	Lavender blue	1½ ft	B	5	Mexican	A very attractive plant, growing freely in any garden.
6	Ageratum Album.....	ha	White	1½ ft	B	5	Ageratum	Very sweet, suitable for beds or edgings.
7	Agrostemma Coeli-Rosa.....	ha	Rose	1 ft	A	5	Rose of Heaven	Ornamental foliage plants of a graceful and interesting character, producing a striking effect in the flower garden. Handsome for center of beds or for backing of borders.
8	Alyssum, Sweet.....	ha	White	9 in	E	5	Sweet Alyssum	A useful, everlasting for making dried winter bouquets.
9	Amaranthus Cruentus.....	ha	Dark Red	4 ft	E	5	Prince's Feather	One of our most showy and useful border plants, with large, finely shaped flowers of the most brilliant colors, succeeding well in any good garden soil. All the varieties will bloom early the same season.
10	Amaranthus Caudatus.....	ha	Crimson	3 ft	E	5	Love-lies-Bleeding	Highly ornamental plants, producing flowers of curious forms.
11	Amaranthus Tri-color.....	ha	3 colored	3 ft	E	5	Joseph's Coat	The flowers of this variety have large, white centers.
12	Amaranthus Melancholicus Ruber.	ha	Dark Red	2 ft	E	5		Moderately sized flower, principally used for edging.
13	Ammobium Alatum.....	ha	White	1½ ft	E	5	Ammobium	
14	Antirrhinum.....	hhp	Various	1½ ft	B	3	Snap Dragon	
15	Antirrhinum.....	hhp	“	9 in	B	5	“	
16	Aquilegia, Fine mixed.....	hp	Various	2 ft	C	5	Columbine	
17	Aster, New Crown.....	ha	Various	1 ft	D	5	Aster	
18	Aster, German Dwarf.....	ha	Various	9 in	D	5	Aster	

No.	NAME.	Dura- tion	Color.	Height	Culture	Price.	Common Name	REMARKS.
19	Aster, Fine mixed.....	ha	Various	1½ ft	D	5	Aster	A good collection, suitable for gar- den use.
20	Balsam, Fine Double mixed.....	hha	Various	1½ ft	B	5	Balsam	The soil for all balsams should be of the richest character.
21	Balloon Vine.....	hha	White	8 ft		5	Balloon Vine	A very pretty climbing plant for greenhouse or open ground.
22	Bartonia, Aurea.....	ha	Yellow	2 ft	E	5	Golden Bartonia	A free flowering, showy plant.
23	Bellis Perennis.....	hp	Various	3 ft	C	5	Double Daisy	Seeds from fine German collection.
24	Browallia, Fine mixed.....	hha	Blue and white	1½ ft	D	5		Profuse blooming, summer and autumn plants.
25	Cacalia Coccinea.....	ha	Scarlet	1 ft	E	5	Tassel Flower	Showy for mixed borders. Hand- some for bouquets.
26	Calempelis Scabra.....	hha	Orange	10 ft	D	5		Valuable for trellis work.
27	Calandrina, Fine mixed.....	ha	Various	1 ft	E	5		Especially adapted to sunny situa- tions.
28	Calliopsis, Fine mixed.....	ha	Various	2 ft	E	5	Coreopsis	{} Few if any annuals are more use- ful than these. Fine effect in mixed borders and large beds.
29	Calliopsis, Coronata.....	ha	Yellow	2 ft	E	5		
30	Canna, Fine mixed.....	hhp	Various	3 to 8 ft	D	5	Indian Shot	Remarkably handsome foliage plants, giving a fine tropical as- pect to the garden. The seeds should be soaked 12 hours be- fore planting.
31	Candytuft.....	ha	White	1 ft	E	5	Candytuft	{} Favorite showy annuals for beds or edging.
32	Candytuft.....	ha	Purple	1 ft	E	5		
33	Candytuft.....	ha	Crimson	1 ft	E	5		
34	Candytuft, Sweet-scented.....	ha	White	1 ft	E	5		
35	Candytuft, Fine mixed.....	ha	Various	1 ft	E	5	Canterbury Bells	Old and popular garden favorite.
36	Canterbury Bells, Fine mixed.....	hp	White and blue	1 ft	C	5	Carnations	Fine border perennial.
37	Carnation Pink, English mixed.....	hhp	Various	2 ft	C	5		Magnificent feathery flowering plants for the decoration of large beds.
38	Celosia Aurea Pyramidalis.....	hha	Golden	3 ft	B	5		
39	Centaurea Cyanus.....	ha	Blue and white	2 ft	E	5	Bachelor's Button	Very showy, free flowering border plant.
40	Centaurea Moschata.....	ha	Various	1 ft	E	5	Sweet Sultan	Effective in beds or edging.
41	Centranthus, Fine mixed.....	ha	Various	2 ft	E	5		

ILLUSTRATED CATALOGUE.

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REMARKS.

No.	NAMES.	Du-rat'n	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
42	Clarkia Elegans, Single mixed...	ha	Various	1 1/2 ft	E	5	Clarkia	Favorite plants, growing freely under most circumstances, Seeds saved from combs remarkable for their size and symmetry.
43	Clarkia Elegans, Double mixed...	ha	Various	1 1/2 ft	E	5	Coxcomb	Exceedingly pretty, free flowering annual.
44	Coxcomb, Dwarf mixed...	ha	Yellow & crimson	1 ft	B	5		
45	Coxcomb, Japanese mixed...	ha	Various	2 ft	B	5		
46	Collomia, mixed...	ha	Various	9 in.	E	5		
47	Convolvulus, Minor mixed...	ha	Tri-color	Trailing	D	5		
48	Convolvulus Major...	ha	White	0 ft	E	5	Morning Glory	An old favorite, handsome climber.
49	Convolvulus Major	ha	Red	0 ft	E	5		
50	Convolvulus Major	ha	Blue	0 ft	E	5		
51	Convolvulus Major...	ha	Various	0 ft	E	5		
52	Delphinium Elatum...	hp	Blue	2 ft	C	5	Bee Larkspur	Very showy plants, producing spikes of richly colored flowers. No garden is complete without a large amount of these beautiful flowers which bloom from seed the first season if started early.
53	Delphinium Formosum...	hp	Blue	2 ft	C	5	China Pink	Showy perennial.
54	Dianthus Chinensis...	hp	Various	1 ft	A	5	Imperial Pink	A useful climber.
55	Dianthus Imperialis...	hp	Various	1 ft	A	5	Japan Pink	Showy for large beds or mix borders.
56	Dianthus Heddewigii...	hp	Various	1 ft	A	5		
57	Dianthus Lacinatus...	hp	Various	1 ft	A	5		
58	Digitalis, Fine mixed...	hp	Various	2 ft	C	5	California Poppy	Very fine flowering plants. Splendid bedding plants.
59	Dolichos Lablab...	ha	Purple	0 ft	A	5	Fox Glove	Very pretty, blooming in any situ'a'n.
60	Erysimum, Fine mixed...	ha	Various	1 ft	A	5	Hyacinth Bean	Favorite everlasting flower.
61	Eschscholtzia...	ha	Yellow	9 in.	E	5		
62	Gailardia Picta...	ha	Various	1 ft	A	5		
63	Gilia Tri-color...	ha	Various	1 1/2 ft	A	5		
64	Globe Amaranth...	ha	Purple	2 ft	D	5		
65	Godetia, mixed...	ha	Various	1 ft	A	5		
66	Gourd...	ha	Green	20 ft	E	5	Hercules' club	Great curiosities.
67	Gourd...	ha	White	20 ft	E	5	Egg shaped	
68	Gourd...	ha	Orange	20 ft	E	5	Mock orange	
69	Gourd...	ha	Green	15 ft	E	5	Dipper gourd	
70	Gourd...	ha	Green	15 ft	E	5	Sugar trough	
71	Helichrysum, Fine mixed...	ha	Various	2 ft	A	5	Eternal Flower	
72	Hollyhock, Fine mixed...	hp	Various	5 ft	C	5		
73	Ice Plant...	ha	White	Trailing	B	5		
74	Ipomea Coccinea...	ha	Scarlet	8 ft	D	5	Star Ipomea	An old-fashioned favorite.
75	Ipomea, mixed...	ha	Various	12 ft	B	5	Cypress Vine	Suitable for hanging baskets or rock work.
76	Ipomea Cypress vine...	ha	White	12 ft	B	5		Prominent for delicate foliage and graceful flowers, finely adapted for trellises.

No.	NAME.	Du-rat' n	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
77	Ipomea Cypress vine.....	ha	Rose	12 ft	B	5	Cypress vine	
78	Ipomea Cypress vine, mixed.....	ha	Various	12 ft	B	5	“	
79	Jacobea, fine mixed.....	ha	Various	1 1/2 ft	E	5	Hyacinth Larksp'r	Especially valuable for bedding purposes.
80	Larkspur, Dwarf Rocket.....	ha	Various	1 1/2 ft	A	5	Everlasting pea	An old favorite.
81	Lathyrus.....	hp	Pink and white	6 ft	C	5	Scarlet Flax	Useful for covering arbors and trellises.
82	Linum Grandiflorum.....	ha	Scarlet	1 ft	E	5	Lobelia	A tender, ornamental climbing pl'n. Well adapted for edging pots or rockery.
83	Loasa.....	ha	Orange	0 ft	B	5		Showy, herbaceous plants.
84	Lobelia Erinus.....	ha	Deep blue	Trailing	B	5		Useful for shrubby borders.
85	Lychmis, fine mixed.....	hp	Scarlet	1 to 3 ft	C	5		Showy, free flowering border plant.
86	Lupins, fine mixed.....	ha	Various	2 ft	E	5		Profuse blooming variety of plants.
87	Malope Grandiflora.....	ha	Crimson	2 ft	A	5		Very double.
88	Marigold, Double French.....	ha	Light Yellow	2 ft	B	5		
89	Marigold, Double African.....	ha	Orange	2 ft	B	5		
90	Marigold, Tagetes Signata Pumila.....	ha	Brown	1/2 ft	B	5		
91	Marvel of Peru.....	ha	Various	3 ft	A	5		
92	Mimosa Pudica.....	ha	Yellow	1 ft	B	5		
93	Mignonette.....	ha	White	6 in	A	5		
94	Myosotis Palustris.....	hp	Blue	6 in	D	5		
95	Nasturtium, Dwarf.....	ha	Crimson	1 ft	E	5		
96	Nasturtium, Dwarf.....	ha	Orange	1 ft	E	5		
97	Nasturtium, Dwarf.....	ha	Spotted	1 ft	E	5		
98	Nasturtium, Dwarf.....	ha	Scarlet	1 ft	E	5		
99	Nasturtium, Dwarf mixed.....	ha	Various	1 ft	E	5		
100	Nemesia, fine mixed.....	ha	Various	1 ft	A	5	Nemesia	Interesting, profuse flowering little annual.
101	Nemophila, fine mixed.....	ha	Blue and white	1 ft	A	5	Nemophila	A popular, early flowering plant.
102	Nigella.....	ha	Blue and white	1 ft	A	5	Love-in-a-mist	Compact, pretty flower, with curious seed-pods.
103	Pansy, fine mixed.....	hp	Various	4 in	B	5	Heartsease	Well-known favorites, exceedingly fragrant and useful for trellises and screens.
104	Peas, Sweet, mixed.....	ha	Various	4 ft	E	5	Sweet peas	
105	Peas, Sweet, Painted Lady.....	ha	Rose	4 ft	E	5		
106	Peas, Sweet.....	ha	Scarlet	4 ft	E	5		
107	Peas, Sweet.....	ha	Black	4 ft	E	5		
108	Peas, Sweet.....	ha	White	4 ft	E	5		

No.	NAME.	Dura- tion	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
109	<i>Perilla Nankinensis</i> .	ha	Bronze	2 ft	A	5	<i>Perilla</i>	Rich, bronzed foliage.
110	Petunia, Countess of Ellsmere.	ha	Pink	2 ft	B	5	<i>Petunia</i>	Very valuable garden favorite.
111	Petunia, Blotched and Striped.	ha	Various green	2 ft	B	5	<i>Petunia</i>	
112	Petunia, fine mixed.	ha	Various	2 ft	B	5	<i>Petunia</i>	
113	<i>Phlox Drummondii</i> , White.	ha	White	1 ft	B	5	Drum'ond's <i>Phlox</i>	One of the most beautiful annuals, remaining in bloom the entire season, and of the easiest possible culture.
114	<i>Phlox Drummondii</i> , Scarlet.	ha	Scarlet	1 ft	B	5		Useful border perennial.
115	<i>Phlox Drummondii</i> , fine mixed.	ha	Various	1 ft	B	5		Showy, free flowering plants with gaudy flowers.
116	Picotee, fine English.	hfp	Various	1½ ft	F	5	<i>Pink</i>	Unrivaled for edgings and beds.
117	Poppy, fine mixed.	ha	Various	2 ft	E	5	<i>Poppy</i>	Valuable everlasting flower.
118	Portulaca, fine mixed.	ha	Various	Trailing	D	5	<i>Rose moss</i>	Stately growing annuals with ornamental foliage.
119	Rhodanthe, fine mixed.	hha	Various	1 ft	D	5	<i>Rhodanthe</i>	Highly ornamental, autumn flowering annual.
120	Ricinus, fine mixed.	hha	Various	8 ft	D	5	<i>Caster oil plant</i>	
121	Salpiglossis, fine mixed.	hha	Various	2 ft	A	5	<i>Salpiglossis</i>	
122	<i>Sanvitalia Procumbens</i> .	ha	Yellow	6 in	D	5	<i>Sanvitalia</i>	Valuable bedding plants.
123	Scabiosa, Tall, mixed.	ha	Various	2 ft	A	5	<i>Mourning Bride</i>	Showy plants for mixed borders, and fine bouquets.
124	Scabiosa, Dwarf, mixed.	ha	Various	1 ft	A	5	<i>Schizanthus</i>	Fern-like foliage and delicate flowers.
125	Scizanthus, fine mixed.	hha	Various	2 ft	A	5	<i>Catch-fly</i>	Bright-colored annual, very showy and effective.
126	Silene Pendula.	ha	Various	1 ft	E	5		Unrivaled for edgings and beds.
127	Stocks, ten weeks, mixed.	hha	Various	1½ ft	B	5	<i>Stock</i>	Popular favorite, producing large heads of the richest and most beautiful colored flowers.
128	Sweet William, mixed.	hp	Various	1½ ft	C	5	<i>Gilliflower</i>	A genus of slender, rapid growing climber.
129	Sweet William, Hunt's Perfection.	hp	Various	1½ ft	C	5	<i>Sweet William</i>	Adapted to beds, ribbons or edging.
130	Thunbergia, fine mixed.	hha	Various	4 ft	E	5	<i>Thunbergia</i>	Very useful, free flowering plant.
131	Venus's Looking-glass.	ha	Blue	6 in	E	5	<i>Verbenia</i>	Useful border annual, pretty, bell-shaped flowers.
132	Verbena Hybrida, fine mixed.	hfp	Various	Trailing	B	5	<i>Wall-flower</i>	Well-known everlasting of great beauty, valuable for winter bouquets.
133	Wallflower, fine mixed.	hfp	Various	2 ft	D	5	<i>Whitavia</i>	
134	Whitavia, fine mixed.	hha	White and blue	1 ft	A	5		
135	Xeranthemum, fine mixed.	ha	Various	2 ft	E	5	<i>Straw flower</i>	

No.	NAME.	Du- rat'n	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
136	Zea Japonica, Striped Leaved.	ha	Green and white	3 ft	E	5	Striped maize	Very ornamental.
137	Zinnia, Fine Double mixed.	ha	Various	2 ft	D	5	Zinia elegans	Valuable bedding annuals, remaining in bloom for a long time.
138	Zinnia, Fine Double Scarlet.	ha	Scarlet	2 ft	D	5	"	"
139	Zinnia, Fine Double Orange.	ha	Golden yellow	2 ft	D	5	"	"
140	Zinnia, Fine Double White.	ha	White	2 ft	D	5	"	"
141	Zinnia, Fine Double Crimson.	ha	Crimson	2 ft	D	5	"	"
ORNAMENTAL GRASSES.								
142	Agrostis Pulchella.	ha		1½ ft	A	5		Useful for both summer and winter bouquets.
143	Bromus Brizaeformis.	hp		1 ft	C	5		A beautiful variety with drooping panicles.
144	Briza Maxima.	ha		1½ ft	A	5	Quaking grass	Lasse and most beautiful variety.
145	Briza Gracilis.	ha		1½ ft	A	5	"	Small, very delicate and graceful.
146	Chloris Radata.	ha		1½ ft	A	5		A curious sort.
147	Coix Lachryma.	ha		2 ft	A	5	Job's Tears	A much admired, graceful variety.
148	Hordeum Jubatum.	ha		2 ft	A	5	Squirrel tail grass	Lovely, purplish plumes, very fine.
149	Lagurus Ovatus.	ha		1 ft	A	5	Hair tail grass	Small white plumes.
150	Stipa Pennata.	hp		2 ft	C	5	Feather Grass	One of the finest.
FLOWER SEED.								
151	Amaranthus Salicifolius.	hha	Orange Red	3 ft	B	10	Fountain Plant	Ornamental foliage plants, of a graceful and interesting character, producing a striking effect in the flower garden.
152	Aster, Truffant's Peony Flowered.	ha	Various	2 ft	D	15	Aster	The highest type of the peony flowered aster; 18 colors mixed.
153	Aster, New Rose.	ha	Various	2 ft	D	15	Aster	A beautiful, large-flowered variety; 12 colors mixed.
154	Aster, Giant Emperor.	ha	Various	2 ft	D	15	Aster	Brilliant and beautiful flowers.
155	Aster, La Superbe.	ha	Various	1½ ft	D	15	Aster	Very double and of immense size.
156	Aster, Mont Blanc.	ha	Various	1½ ft	D	25	Aster	Rose, blue and white mixed.
157	Aster, Mont Rose.	ha	Various	1½ ft	D	25	Aster	Flowers extra fine.
158	Aster, Washington.	ha	White	2 ft	D	25	Aster	Mixed flowers, extra fine.
								A new and magnificent variety.

No.	NAME.	Du- ra-tion	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
159	Auricula, Extra Quality	gp	Various	9 in	F	25	Aster	From seeds saved from an English prize collection.
160	Balsam, Camelia Flower'd, Ex.D'bl. lha	Various	1½ ft	B	15	Balsam	Ten magnificent double varieties, mixed.	
161	Balsam, Rose Flow'red, Ex. Double. lha	Various	1½ ft	B	15	Balsam	Twelve splendid varieties, mixed.	
162	Balsam, Double White.	White	1½ ft	B	15	“	The soil for all balsams should be of the richest possible character.	
163	Balsam, Atrosanguinea.	Red	1½ ft	B	15	Balsam	A most beautiful flower, of deep blood-red color.	
164	Balsam, Solferino.	hha	1½ ft	B	15	Balsam	Striped and streaked with lilac and scarlet on satin white ground.	
165	Balsam, Victoria.	hha	1½ ft	B	15	Balsam	Satin white, finely spotted w'it' scarlet.	
166	Bellis Perennis.	Various	3 in	C	10	Double Daisy	Seed saved from a fine German collection.	
167	Carnation Pink (Fine German)	gp	2 ft	F	25	Carnation	From a celebrated German collection.	
168	Carnation Pink (Fine Italian)	gp	1 ft	F	50	“	Saved from a choice Italian collection of named flowers.	
169	Calceolaria, Hybrida Grandiflora. ga	Various	1 ft	F	50	Calceolaria	Our stocks of this favorite green-house flower are saved from the finest strains in cultivation.	
170	Calceolaria, James's Prize.	ga	1 ft	F	50	“	Very showy, free flowering border plants, succeeding in any common garden soil.	
171	Centaurea Candidissima.	ha	2 ft	E	25	Bachelor's Button	Showy for mixed borders.	
172	Centaurea Gymnocarpa.	ha	1 ft	E	25	Sweet Sultan	Green-house and garden varieties, for autumn decoration.	
173	Chrysanthem'um Indicum, Finest D'l hhp	Various	2 ft	F	25	Chrysanthemum	Seeds saved from a celebrated German collection.	
174	Cineraria, Extra Fine	gp	1 ft	F	25	Cineraria	Magnificent green-house and bedding plant.	
175	Cianthus Dampieri.	hhp	Black and scarlet	Trailing	D	25	Handsome climber.	
176	Cobea Scandens	hhp	Purple	20 ft	B	10	Beautiful for winter decoration in green-house.	
177	Cyclamen Persicum.	hhp	Various	6 in	F	25	No garden is complete without a large amount of these beautiful flowers, which bloom from seed the first season, if started early.	
178	Dianthus Diadematus, Finest D'bl. hp	Various	“	1 ft	A	15	Diadem Pink	
179	Dianthus Lacinatus, Finest D'bl. hp	Various	“	1 ft	A	15	Japan Pink	

No.	NAME.	Du. ratn	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
180	Gloxinia Hybrida, Finest.....	ga	Various	6 in	F	50	Gloxinia	A magnificent collection, deserving of extensive cultivation.
181	Golden Feather.....	ha	Yellow	2 ft	E	15	Golden Bartonia	A free flowering showy plant.
182	Heliotrope, Finest mixed.....	hph	Purple	2 ft	C	10	Hollyhock	The Heliotrope is almost too well known to need recommendation.
183	Hollyhock, Finest English Double.....	hp	Various	2 ft	D	10	Maurandya	An old-fashioned favorite.
184	Ipomea Elegansissim.....	ha	Blueish purple	4 ft	F	10	Monkey Flower	Very delicate and handsome.
185	Maurandya Barclayana.....	gp	Purple and white	10 ft	F	10	Musk Plant	A very neat green-house climber.
186	Mimulus Hybrida, Finest mixed.....	gp	Various	6 in	F	10	Boston Smilax	Valuable for winter flowering in green-houses.
187	Mimulus Moschatus.....	gp	Various	6 in	F	10	Passion Flower	Novelty.
188	Myrsophilum.....	gp	Green	8 ft	F	25	Pentstemon	Very fine for conservatory and green-house decoration.
189	Passiflora.....	gp	Blue	10 ft	F	10	Heartsease	Beautiful green-house climbers.
190	Pentstemon.....	hph	Various	2 ft	B	10	Heartsease	Valuable, hardy, herbaceous plants.
191	Pansy, King of the Blacks.....	hph	Black	4 in	B	15	Passion Flower	Almost coal-black, coming true from seed.
192	Pansy, Sky Blue.....	hph	Blue	4 in	B	15	Pensetmon	With lovely new shades of light blue Extra, and very showy.
193	Pansy, Violets.....	hph	Blue-black	4 in	B	15	Heartsease	With white border, very fine.
194	Pansy, Violet, Bordered White.....	hph	Violet	4 in	B	15	“	Generally true to color.
195	Pansy.....	hph	Yellow	4 in	B	15	“	Sometimes slightly marked with red and purple.
196	Pansy.....	hph	White	4 in	B	15	“	Extra, and very showy.
197	Pansy, Striped and Marbled.....	hph	Various	4 in	B	15	“	Beautiful col' r' wi' margin of yellow
198	Pansy, Gold Margined.....	hph	Various	4 in	B	15	“	Large dark spots on each petal.
199	Pansy, Odier.....	hph	Various	4 in	B	25	“	Extra, and very fine.
200	Pansy, Emperor William.....	hph	Various	4 in	B	25	“	A new English sort, of great beauty.
201	Pansy, Beauty of St. Osyth.....	hph	Jet black	4 in	B	15	“	Very rich, deep purple.
202	Pansy, Cliveden.....	hph	Purple	4 in	B	15	“	Novelty.
203	Pansy, Great Eastern.....	hph	Various	4 in	B	15	“	Extra fine.
204	Pansy.....	hph	Mahogany	4 in	B	10	“	A splendid novelty.
205	Pansy.....	hph	Bronze	4 in	B	10	“	From magnificent collection.
206	Pansy, Finest English mixed.....	hph	Various	4 in	B	15	“	Pansies should be placed in a cool, shady situation.
207	Pansy, Finest German mixed.....	hph	Various	4 in	B	15	“	From Benary's unrivaled collection.
208	Petunia, Finest, Blotch'd and Strip'd.....	ha	Various	2 ft	B	10	Petunia	Saved from named flowers.
209	Petunia, Hybrida Grandiflora.....	ha	Various	2 ft	B	25	“	“

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No.	Name.	Dur. rain	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
210	Petunia, Marginata.....	ha	Various green	2 ft	B	25	Petunia	Green bordered, very peculiar.
211	Petunia, Fimbriata, extra.....	ha	Various	2 ft	B	50	Petunia	Fringed.
212	Petunia, Finest Double.....	ha	Various	2 ft	B	50	Petunia	From Benary's unrivaled collection
213	Phlox, Finest mixed.....	ha	Various	1 ft	B	10	Drumond's Phlox	One of the most beautiful of annuals, in bloom the entire season.
214	Portulaca, Finest Double.....	ha	Various	Trailing	D	20	Rose Moss	Unrivaled for edgings and beds.
215	Picotee.....	hlp	Various	1½ ft	F	50	Picotee	Very desirable for richness of color.
216	Primula Fimbriata.....	ga	Red	6 in	F	50	Chinese Primrose	Finest Italian seed.
217	Primula Fimbriata.....	ga	White	6 in	F	50	Primrose	Indispensable for winter and spring
218	Primula Fimbriata, Fine mixed.....	ga	Mixed	6 in	F	50		decoration of green-house and
219	Primula Fimbriata, Finest D'uble, ga	ga	Mixed	6 in	F	100		conservatory; our seed is from
220	Primula Elatior or Polyanthus.....	hlp	Various	1 ft	C	15		Benary's choicest collection.
221	Ricinus Duchess of Edinburgh.....	ha	Various	10 ft	D	10	Castor Oil Bean	Stately growing annuals with ornamental foliage, particularly adapted for sub-tropical gardening.
222	Salvia Coccinea, Splendens.....	hha	Scarlet	3 ft	B	10	Salvia, Scarlet	Valuable bedding plants, with
223	Salvia Patens.....	hha	Blue	3 ft	B	25	Salvia, Blue	stately, brilliant flowers, Salvia
224	Salvia Argentina.....	hha	Silvery foliage	3 ft	B	10	Salvia	patens is a very fine blue. Salvia
225	Stocks, early ten-week.....	hha	White	1 ft	B	10	Stock Gilliflower	argentina is a valuable silvery
226	Stocks, early ten-week.....	hha	Crimson	1 ft	B	10		foliage plant with large leaves.
227	Stocks, early ten-week.....	hha	Blue	1 ft	B	10		One of our most important, popular
228	Stocks, Giant Intermediate.....	hha	Various	1½ ft	B	15		and beautiful flowers, useful
229	Sweet William, Double.....	hp	Various	1½ ft	C	10		for bedding, massing, edging,
230	Tropaeolum Canariense.....	hha	Yellow	10 ft	D	10	Canary Bird Fl'w'r	grouping or ribboning.
231	Tropaeolum Lobbianum.....	hha	Various	10 ft	F	10		Popular favorites of the richest
232	Verbena Hybrida, first quality.....	hlp	Various	Trailing	B	25	Verbena	and most beautiful flowers.
233	Verbena Hybrida, Scarlet Defiance.....	hlp	Scarlet	“	B	25	Verbena	Ornamental green-house climbers.
234	Verbena Hybrida Alba.....	hlp	White	“	B	25	Verbena	It is one of the most popular of all
235	Verbena Hybrida.....	hlp	Auricula eyed	“	B	25	Verbena	florist's flowers. The most unequalled brilliancy and great
236	Verbena Hybrida.....	hlp	Striped eyed	“	B	20	Verbena	variety of its colors, render it
237	Wallflower, Best Double.....	hlp	Brown and yellow	2½ ft	D	10	Wallflower	one of our most valuable plants.
238	Zinnia Haageana.....	hlp	Yellow	2 ft	D	20	Zinnia elegans	Everlasting flowers, useful for winter bouquets.
								Valuable for late autumn flowering.

No.	NAME.	Du. ratn	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
239	<i>Adlumia</i>	hp	Pink and white	15 ft	E	10	Alleghany vine	
240	<i>Premula Viris</i>	hp	Mixed	6 in	F	10	English Cowslip	
241	<i>Myosotis Alba</i>	hhp	White	6 in	D	10	Forget me-not	
242	<i>Datura Wrightii</i>	hhp	White	3 ft	B	10		Seed may be sown in the hot bed and transplanted, or in the open ground in the spring.
243	<i>Salvia</i>	hha	Scarlet	2 ft	B	10		Large flowers, pure white at the center, passing into lilac and blue at the border. Very fragrant.
244	<i>Althea</i>	hp	Various	5 ft	C	10	Mallow	Magnificent bedding plants, loaded with spikes of scarlet flowers
245	<i>Linaria Cymbalaria</i>		White	Vine		15	Kenilworth Ivy	Trees-shaped, blossoms second year, continues for thirty years; does best in moist places.
246	Honesty.....	hp	White	2 ft	D	5	Satin Flower	Fine for hanging baskets, edge of window garden, etc. Sometimes called Love-and-Tangle.
247	Aster, German Quilled.....	hp	Mixed	1 1/2 ft	D	10		Early free flowering plants, interesting for the silver-like tissue of the seed vessels in their matured state, well adapted for grouping with everlasting flowers.
								Perfectly double quilled flowers, of beautiful mixed colors.

PAMPAS PLUMIES.

For Mantel or Church Decoration.

Our stock of this year's California Pampas Plumes has arrived and opens exceedingly fine, every one measuring over 2 ft.

PRICE BY MAIL.—Each 40 cents; per pair 75 cents; four \$1.

POCKET KNIVES—The Largest Assortment in the City.

PLANTINE FOOD.

FOR HOUSE PLANTS.

FREE FROM OFFENSIVE ODORS.

Price 20 cts. per package. Per 100 lbs. special.

Sorghum Maple Sugar

—and—

SYRUP PANS.



Price List of Evaporators

Subject to Change without Notice.

Jan., 1881.

New Style, All Metal—Galvanized Iron.

No. 2, 8 ft. long, 40 in. wide on bottom	\$30 00
No. 3, 10 ft. long, " " "	35 00
No. 4, 12 ft. long, " " "	40 00
No. 5, 14 ft. long, " " "	45 00

New Style, All Copper.

No. 2, 8 ft. long, 40 in. wide on bottom,	\$ 70 00
No. 3, 10 ft. long, " " "	85 00
No. 4, 12 ft. long, " " "	100 00
No. 5, 14 ft. long, " " "	115 00
Dampers for Brick Chimneys.....	1 00
White Rubber Pipe, per foot.....	25
Saccharometer and Test Cup.....	1 50

Manufactured from heavy Stock.

Agent for the Cooley Creamer.

Gold Medal, Paris, 1879.



Butter made by this Process awarded Sweepstakes at International DAIRY FAIR, 1878, and Gold Medal and First Premium at same Fair, 1879. First Premium at Royal Agricultural Exhibition, London, 1879.

It raises all of cream between milkings.

It affords better ventilation.

It requires no milk-room.

It requires less labor.

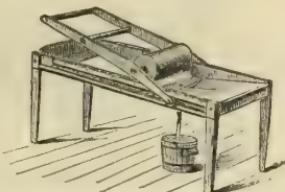
It is more thoroughly made.

Try it.  It is CHEAPER.

THE Eureka Butter Worker.

ROLLING PRESSURE,

(Patented)



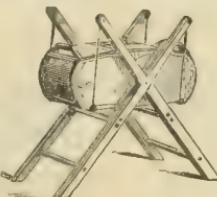
Highest Award at the International
Dairy Fair at New York,
December, 1878.

Price List.

No. 1, Family Size, works from 8 to 10 lbs.	\$ 6 00
No. 2, Dairy Size, " " " 10 to 20 lbs.	8 00
No. 3, " " " 25 to 40 lbs.	10 00
No. 4, Factory " " " 40 to 60 lbs.	12 00

No. 1 has no legs clamps to table or bench. Full directions for using to be found with each implement.

THE DAVIS (PATENTED.) SWING CHURN.



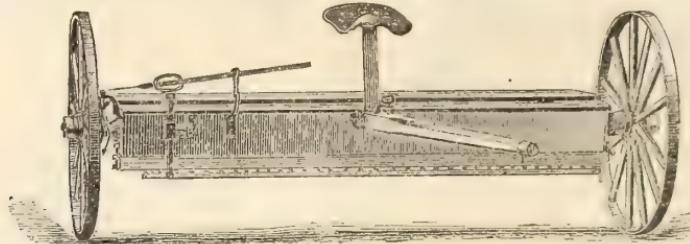
PRICE LIST.

No. 1, capacity 7 gals. will churn 3 gals. or less,	\$7.00
No. 2, " 10 " " 5 " " 8.00	
No. 3, " 16 " " 8 " " 10.00	
No. 4, " 24 " " 12 " " 12.00	
No. 5, " 30 " " 15 " " 15.00	
No. 6, " 40 " " 20 " " 18.00	
No. 7, " 60 " " 30 " " 25.00	
No. 8, " 80 " " 40 " " 30.00	
No. 9, " 100 " " 50 " " 35.00	

Iron Y for attaching power 75 cts. extra. Folding Frames extra \$1.

We are Agents for the following Implements and will furnish them to Farmers at Manufacturer's prices.

SEYMOUR'S NEW AND IMPROVED
PLASTER SOWER.



This Machine will sow Guano, Bone Dust, Plaster, Ashes, Salt, Lime and all fertilizers; any quantity per acre, as desired, at the rate of from 25 to 30 acres per day. It is not designed to sow grain.

It will sow them as well when *very damp* as when dry, and the quantity per acre can be easily regulated.

Coals in Wood-Ashes and all lumpy substances, not harder than charcoal, are readily crushed or ground while sowing.

Wet ashes from the leach tub, Hen Manure, &c., can be sown in the most perfect manner.

The Machine is perfectly simple, easily managed by the most inexperienced person, and is strong and very durable.

No expense is spared in making the Machine just as it should be.

It sows a breadth of 8 ft. and weighs 325 pounds.

They have been in use for the past ten years, and *not one of them* has failed to give entire satisfaction to the purchaser.

The Machine is furnished with **Thills or Pole.**

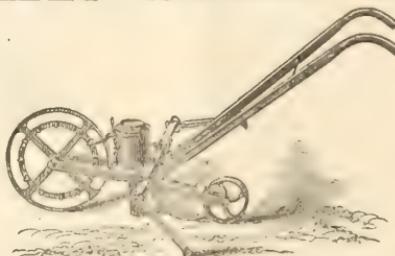
It has no cog-wheel gearing, and is well and beautifully painted, ornamented and striped.

Each Machine, *fully warranted*.

For \$10 A GRASS SEEDER IS ADDED so that CLOVER and TIMOTHY SEED may be sown at the same time as the Fertilizers.

MATTHEWS'
GARDEN SEED DRILL.

Improved for the



Season of 1881:

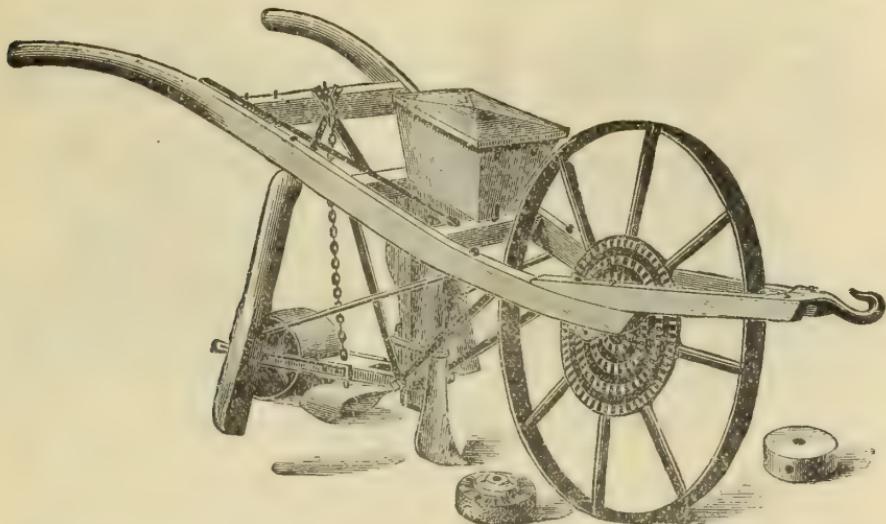
THE BEST GARDEN DRILL IN USE.

Messrs. D. LANDRETH & SONS, Philadelphia, Pa.

"We have sold the Matthews' Garden Seed Drills for several years, and they have given more general satisfaction to our customers than any Drills we have ever sold. We have one at Bloomsdale that has passed over about one hundred acres in a single season."

G. C. FREEMAN, Esq., Plainfield, N. H.

"The Matthews' Garden Seed Drill gives perfect satisfaction. It does all it is recommended to do. I have used it with different kinds of seeds and find it works just right. It is a sure thing every time."



Albany Corn and Seed Planters.

Awarded the highest Medal at the Centennial as being the best Planter.

This PLANTER, at ONE PROCESS, OPENS its furrow, GUAGES, DROPS, COVERS the Seeds, and Rolls them down. ALSO MEASURES and MARKS off the distance for the next row or DRILL to be planted.

IT WILL PLANT ALL KINDS OF SEEDS, from Corn, Beans, Peas, etc., to the SMALLEST and varied form of Garden Seeds, in HILLS or DRILLS, at ANY DISTANCE BETWEEN the the SEEDS or HILLS, from ONE inch to SEVENTY-TWO inches. Also MEASURES the QUANTITY of SEEDS to the HILL, DRILL or ACRE.

Any of these changes may be MADE IN FIVE MINUTES' TIME to adapt it to the work required, and the SEEDING ACTION MAY BE INSTANTLY THROWN OUT OF GEAR AND STOPPED, in turning at headlands, or for moving from field to field, by being careful about throwing out of and in gear at the end of the rows. The hills may be made to row both ways. It may be worked by horse or hand.

SAVES ITS COST IN PLANTING FIFTEEN ACRES OF CORN. One man and a horse can plant from seven to ten acres of corn in a day, with the Planter, at a cost of from \$3.50 to \$5.00.

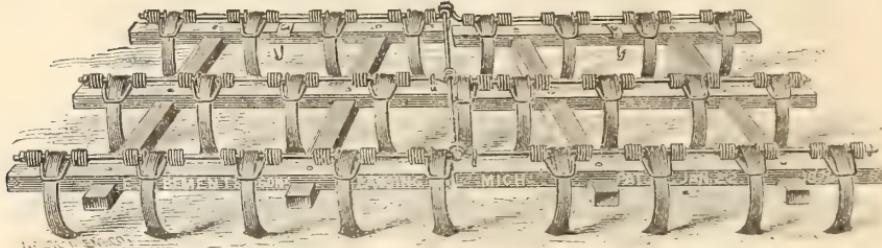
COST TO PLANT FIFTEEN ACRES BY HAND.

Marking both ways, one man and horse, three days at \$3.....	\$ 9 00
Planting, twelve men at \$1.....	12 00
Board for ten extra men, two meals each, at 25 cents.....	5 00
Wasted one bushel of Corn.....	1 00
Total cost by hand.....	\$27 00

Price, Plain Planter,	\$20 00
Price, Combined Planter and Horse Hoe	23 00
With Horse Hoe and Fertilizer,	25 00

We also sell the Albany Dog and Sheep Power for Churning, &c.

The Lansing Spring-tooth Harrow.



PRICE \$80.00.

THOUSANDS SOLD ANNUALLY.

We have only space for brief mention, see testimonials.

HART, Mich., Nov. 28, 1879.

E. BEMENT & SONS:—I have used the Kalamazoo Spring-tooth Harrow, the Lansing Spring-tooth Harrow, and although the Kalamazoo Harrow is a splendid tool, I think the Lansing Spring-tooth Harrow is better adapted for all kinds of work.

P. A. HUBBARD & SON.

HART, Mich., Dec. 23, 1879.

E. BEMENT & SONS:—To your inquiry of how I like the Lansing Spring-tooth Harrow, I would say I have used it on my farm for two seasons, and I consider it the greatest improvement of the age. I can do three times as much as with the common harrow.

M. A. LUTHER.

JONESVILLE, Dec. 3, 1879.

E. BEMENT & SONS:—In reply to your inquiry, permit me to say that I am highly pleased with the Spring-tooth Harrow bought of you. It does its work thoroughly, fully equalling the work of two Scotch harrows, such as I had used, and its draft is very light, considering the work performed. One advantage over any other spring-tooth harrow which I ever saw is that the teeth, working independently, do not jump the frame as do those where the tooth is rigidly fixed, on rough or stumpy land, and thus greatly favors the team. I cordially indorse it as the best harrow I ever used.

O. PALMER.

THE IRON TURBINE WIND ENGINE

Manufactured by
MAST, FOOS & CO.

THE superior points of the Iron Turbine are easily comprehended. The entire machine is made of Iron. The Wheel and Vanes are made of No. 24 Sheet Iron, well bound and braced with the best quality of wrought bar iron, and so well put together that it is impossible for the wind to tear it to pieces or injure it in any way. The wheel being constructed on the Turbine principle causes it to give more power than any other wheel of the same diameter in the market, and as there is no wood about it to swell, shrink, rattle and be torn to pieces by the wind, it is certainly much more durable. It weighs no more than the ordinary wood wheel, hence there can be no objection on that score. No. 2, Diameter, 10 feet; for wells to 100 feet deep; will pump water for 200 head of stock. Shipping weight 450 pounds.

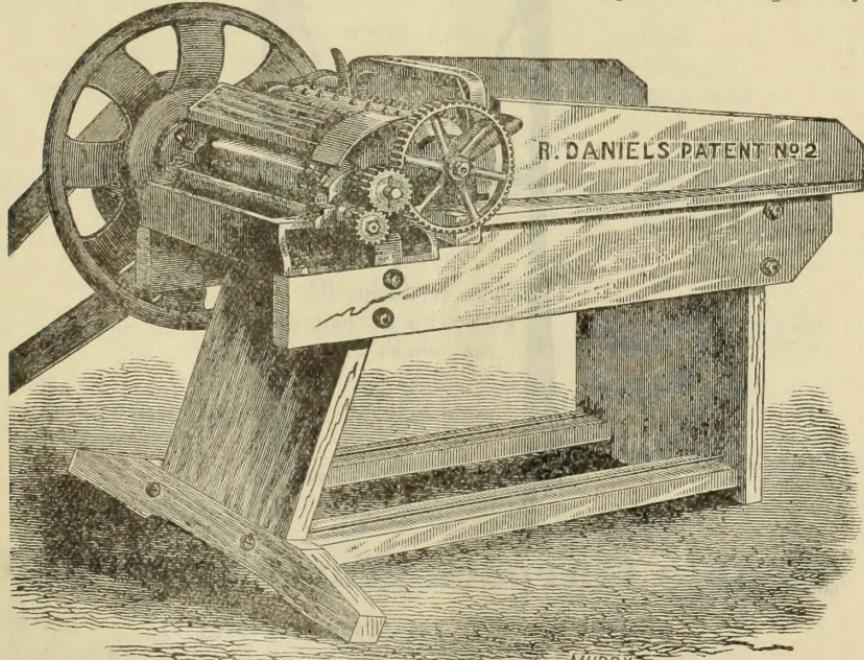
PRICE AT FACTORY \$85.00

We have in stock the No. 2 Mill, also a small Model, in perfect running order.

Parties in want of *Wind Power* will do well to call and examine the Iron Turbine before purchasing. We will furnish full description, with cost of building Derrick, &c., including Pumps, if desired.

PERRY & ROBINSON,

Agents for Onondaga County.

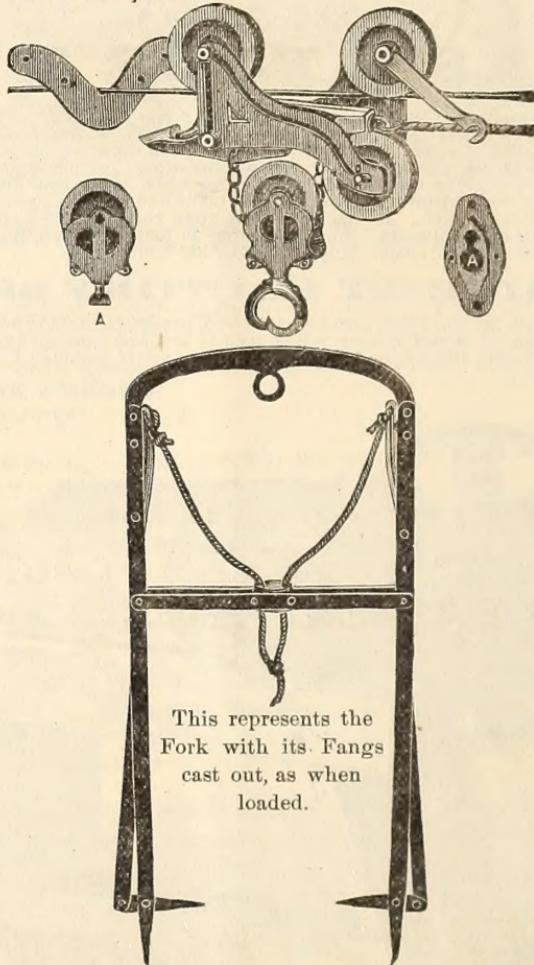


No. 2 Fodder Cutter, 16 in h Knives. Price, \$60.00.

THE BEST IN USE.

C. S. KERSHAW'S NOVELTY HAY ELEVATOR.

This Elevator can be placed on the track or removed without drawing any bolts or moving the wheels, by using movable arms, while all others are taken apart in seven pieces.



Double Harpoon Horse Hay Fork

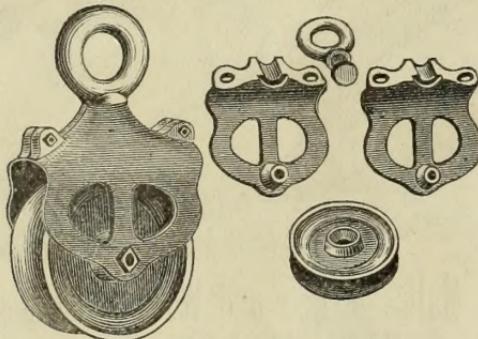
THE BEST IN THE WORLD.

1009 Sold by us in Four Years.

PERRY & ROBINSON, Syracuse, N. Y.

THE CHILLED HAY FORK PULLEY.

(Patented July 10th, 1877.)



The above represents the parts of **SCOVILL'S PATENT CHILLED HAY FORK PULLEYS**. You will notice the wheels run on cone bearings of Chilled Iron, and not on the bolt as in the case of common iron pulleys, also that any part of these Pulleys can be supplied at any time, if desired.

We have sold these Pulleys three years, and consider them the most economical of any for farmers to use. We have two sizes.

Five inch, or Common size, Price - - - 40c.

Eight inch, or Large size, Price - - - 80c.

A LIBERAL DISCOUNT TO THE TRADE.

PEACE FOR THE HENS.



Use The Medicated Nest Eggs

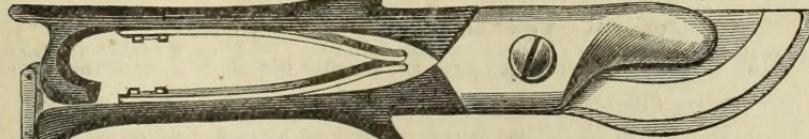
To drive away all Insects, Hen Lice, &c. One of these Eggs used in a nest where a hen is sitting is sure to relieve the hen from any of these pests. They are as hard as stone, make the very best Nest Eggs, and are warranted to do all that is claimed for them.

Price each, 5 Cents. Per Dozen, 50 Cents. Per Gross, \$4.00.

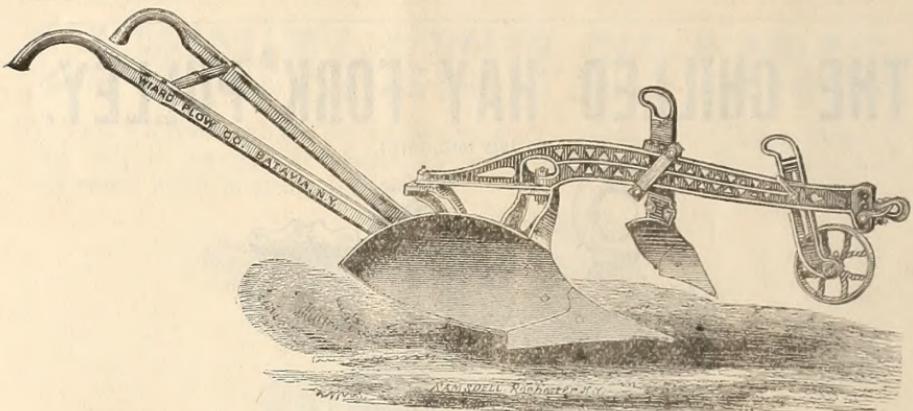
Put up in half-gross and gross boxes. At wholesale or retail. Address

PERRY & ROBINSON.

WEST CHESTER



PRUNING SHEARS.



Wiard's Patent Malleable Iron and Wood Beam Chilled Plows

[NEW 1880 SERIES]

Are offered to the Farmers of the country for the coming season with many valuable improvements.

THE WIARD is the strongest and most durable Plow in the market.

THE WIARD is the best for general purpose work, in both sod and stubble.

THE WIARD has the simplest and most complete adjustment for using two or three horses abreast.

THE WIARD is the best Plow extant for hard clay and stony ground.

THE WIARD rivals all other chilled Plows for cleaning in loose and adhesive soils.

THE WIARD cannot be excelled for Lightness of Draft.

Our **Malleable Iron Beam** is the only practical adjustable metal Beam made: is guaranteed against bending or breaking; is perfectly adjustable for 2 or 3 horses; over 20,000 in use, and not one in a thousand failed.

Our Joints, Wheels and Handles are all adjustable.

Our Chilled Moldboards excel all others for fineness and uniformity.

Our Plows are warranted to any reasonable extent.

If you are going to buy a new Plow, be sure to give the **WIARD** a trial.

If there is no Agent for the **WIARD** in your vicinity, address.

THE WIARD PLOW CO.

~~We do not send Plows on commission!~~

BATAVIA, N. Y.

BUY A FREDERICK'S PATENT EQUALIZER. NOW NOTE A FEW FACTS.

All who have tried the experiment know they can plow as much ground with two plows drawn by three horses each as you can with three plows drawn by two horses each, because the load is lighter, they move more steadily; they come out at the end of the season less worn.

You will have saved one hand in labor and one plow. You can use horses of uneven strength. You often want to work a colt or weak horse against a strong one. This equalizer adapts itself exactly to the strength of the horse.

COMPARE FACTS WITH FIGURES.

Common Double-Tree costs.....	\$3 00
Common Two-Horse Stretcher costs.....	3 00
Common Three-Horse Equilizer costs.....	5 00
	\$11 00

We Give You for \$4.50 in One Article,

A perfect common Double-Tree, a perfect common Two-Horse Stretcher, a perfect Triple-tree for use without Tongue, a perfect Triple-Tree for use with Tongue, a perfect Three-Horse Stretcher.

You know how cruel the drawing of a reaper or mower is with two horses. Even where there is no side draft, the wobbling from side to side of the tongue distresses the toughest horse. You can see that this side to side motion is entirely removed by pulling the reaper with two points instead of from one point, as with two horses. Three horses can cut one-fifth more grain without changing, than four horses working two abreast. They are easily managed and don't fag. You can, by its use, prevent your horses from becoming balky. The broken harness caused in getting out of mud-holes will supply every farmer in the State with our Equalizer.